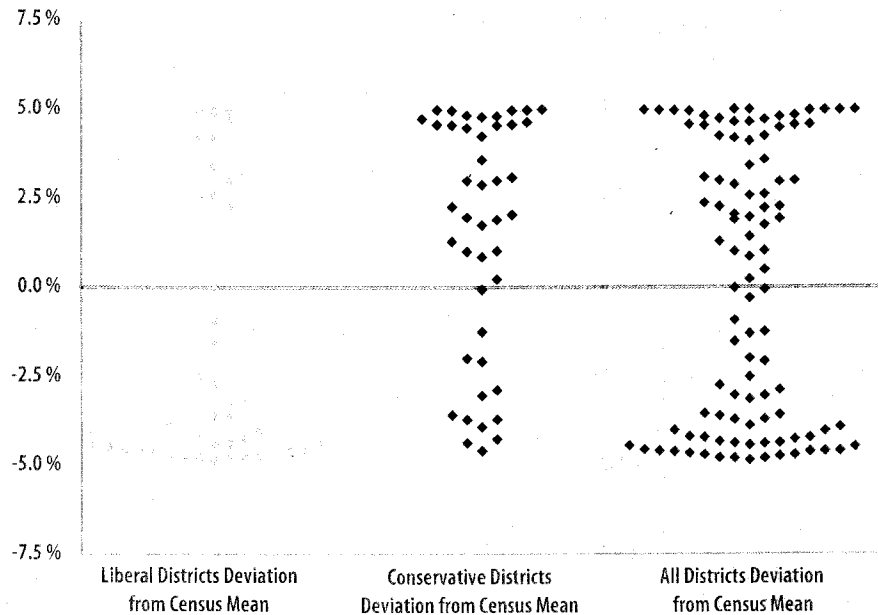


Exhibit No. 9Date 1/19/09Bill No. SB 187

# Montana House Districts, 2004 Redistricting Plan

## Percent Deviation from Mean Population of Districts



Liberal districts are those that were won by the liberal candidate in 2004, 2006, and 2008. Conservative districts are those won by the conservative candidate in 2004, 2006, and 2008. Because the deviations are both negative and positive, the best measures of the absolute size of the deviation are the root mean square (RMS) and the median. The next iteration of this poster will include tests for statistical significance.

	Liberal Districts	Conserv. Districts	All Districts
Minimum	-4.86	-4.60	-4.86
Maximum	4.98	5.00	5.00
Sum	-74.86	66.00	0.06
Points	42.00	44.00	100.00
Mean	-1.78	1.50	0.00
Median	-4.03	2.15	0.36
RMS	4.04	3.61	3.76
Std Deviation	3.67	3.32	3.78
Variance	13.47	11.02	14.31
Std Error	0.57	0.50	0.38
Skewness	0.83	-0.59	0.01
Kurtosis	-1.02	-1.10	-1.65

# DRAFT